

***VideoMate W800F***  
***Hybrid DVB-T and Analog TV***  
***Standalone TV Box***  
***Start Up Guide***

**Compro Technology, Inc.**  
[www.comprousa.com](http://www.comprousa.com)



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Compro Technology, Inc.

Tel. +886 2 2918 0169, Fax +886 2 2915 2389

4/F, No.12, Alley 6, Lane 45, Pao Shin Road Hsintien City, Taipei, Taiwan.

[www.comprousa.com](http://www.comprousa.com)

# About This Guide

This guide provides you the information on how to install and use your VideoMate W800F standalone TV box.

VideoMate W800F standalone TV box lets you watch DVB-T digital TV or analog TV with your computer monitor without driver or applications install, also the W800F can provide FM radio listening. W800F TV box provide S-video, composite video, and up to 1080i component video input which allow you to connect other video devices (i.e. DVD Player, camcorder, xBox360, PS2, PS3, Wii or other game console). The maximum resolution is 1900x1200 and 1680x1050, which allows you to have crystal clear pictures. It also supports 4:3, 5:4, 16:9, and 16:10 screen ratio for all kinds of monitors. With the remote control that included with W800F package will greatly increase the value of the computer monitor which also saves you from buying another TV set.

- **VideoMate W800F only support SD format DVB-T reception, not support H.264 format digital TV.**

## MINIMUM SYSTEM REQUIREMENTS

- Monitor (CRT or LCD) contains D-sub Connector and supports 800\*600 resolution or above.
- DVB-T, Analog TV cable or antenna input

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### Warning

It is normal for VideoMate W800F TV Box become warm when it is being used. Please place the TV Box at a place where the air flows.

VideoMate W800F TV Box will only need a computer monitor to work; It does not require to connect to computer nor turn on the computer to work properly.

Please do not use other adaptor except the one included in the package to W800F prevent damaging W800F. Damaged W800F by using wrong adaptor will not be cover from the warranty.

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### Note

In order to receive digital terrestrial TV broadcast, the antenna is crucial. Digital terrestrial TV broadcast uses about the same wave as analog TV. It's recommended to have a fishbone-like antenna on the roof for receiving. More detail is on the troubleshooting chapter in this manual.

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# VideoMate W800F TV Box Contents



W800F  
TV Box



TV Box  
stand



Remote Control



AAA batteries



Start Up Guide



Power Adaptor



9-pin Mini-DIN to  
15-pin D-sub Cable



Audio Cable



9-pin Mini-DIN to  
S-video and component  
video cable



FM Antenna



Digital TV  
Antenna

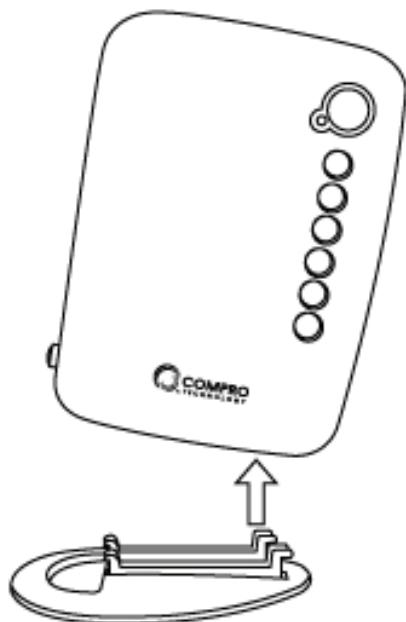
Please extend the antenna horizontally to its fullest.



**How to use the digital TV antenna:**  
For the best reception of this digital TV antenna, please extend the antenna to the left and right side as the picture shown.

# Install W800F TV Box with Box Stand

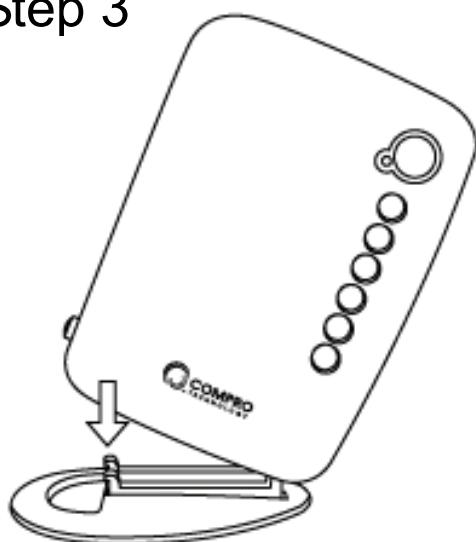
Step 1



Step 2



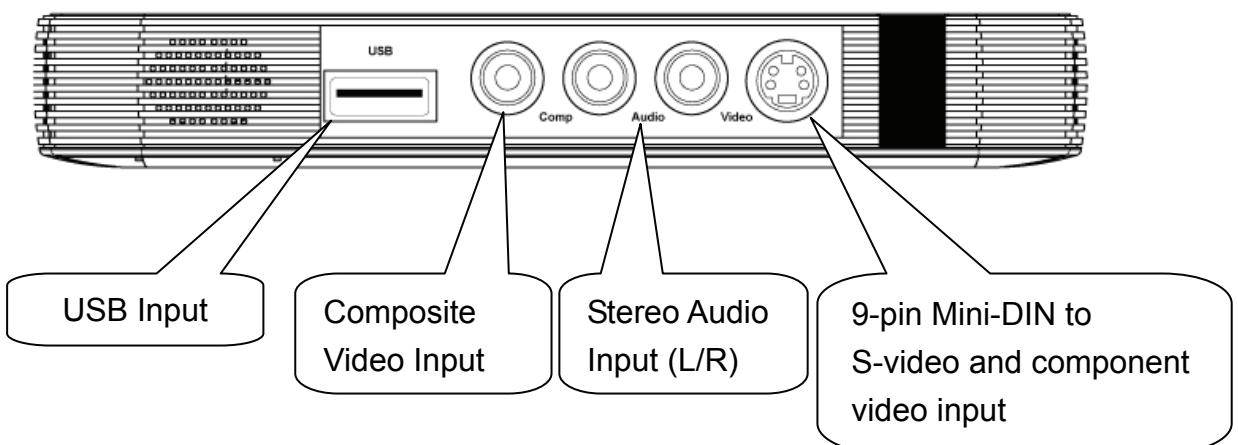
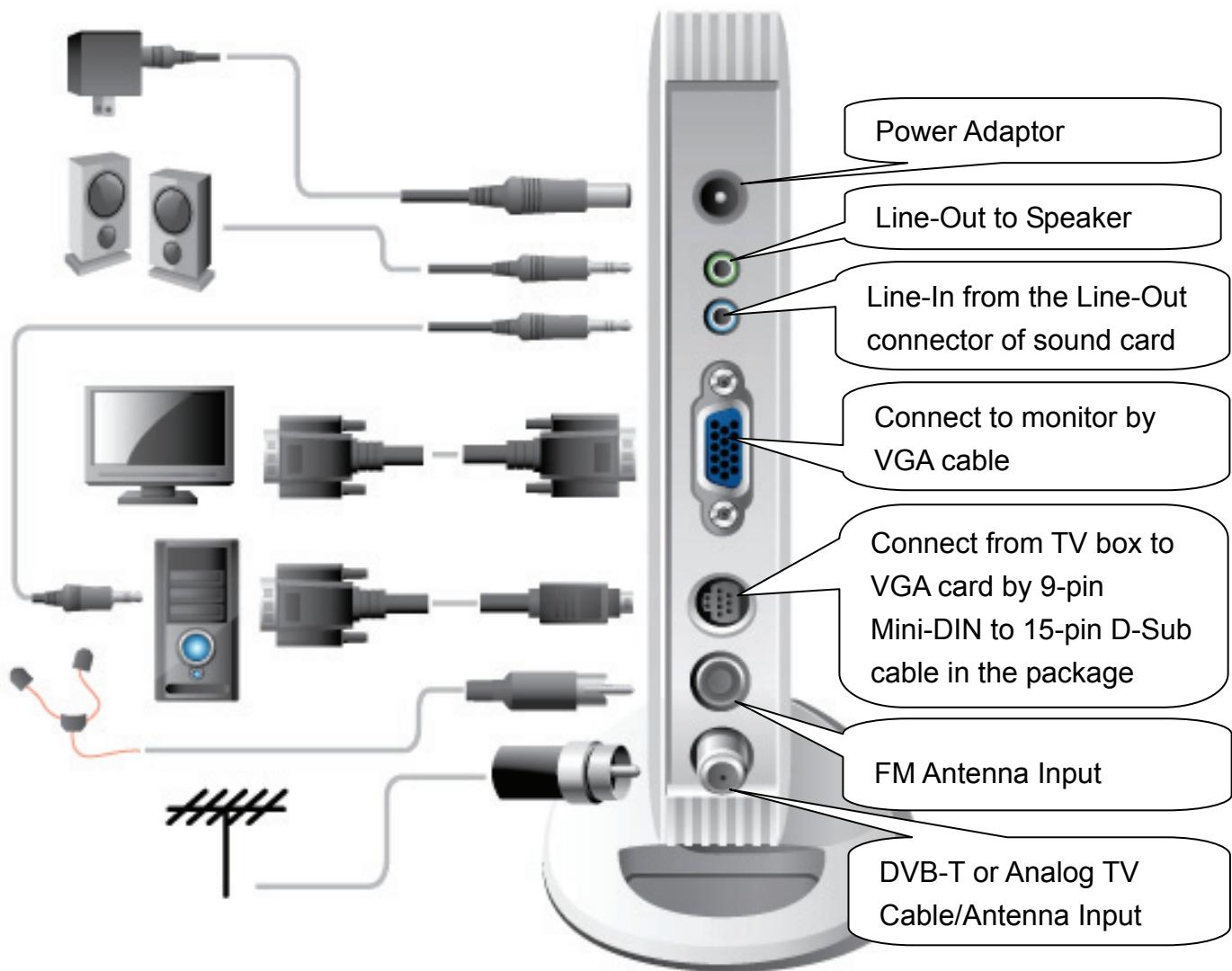
Step 3



Step 4



# VideoMate W800F TV Box Connection



\* The USB port for multimedia files playback only supports USB pen driver, not support USB external hard drive.

## Buttons on VideoMate W800F TV Box



Power On/Off



Source Switch  
Analog TV → DVB-T → FM → Composite video  
→ S-video → Component video



Open OSD Menu



Volume Up



Volume Down

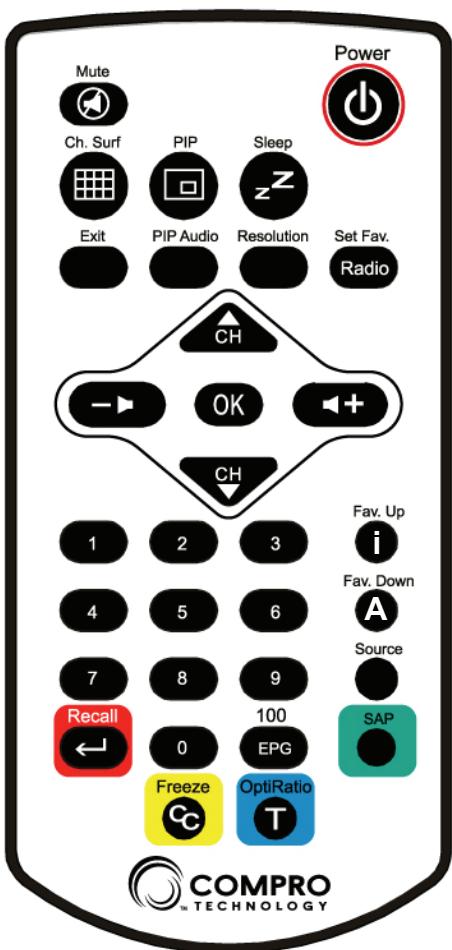


Channel Up



Channel Down

# Remote Control Key Definition and Use



Power	Power On/Off
Mute	Mute
Sleep	Sleep mode (OFF→5→10→15→30→60→90→120)
PIP	Picture In Picture On/Off and screen size select
Ch. Surf	9 Channels preview
Set Fav.	Set to favorite channel list Switch to digital FM channel
Resolution	Switch Resolution
PIP Audio	Switch audio between TV and PC in PIP mode
Exit	* Exit OSD Menu * Display info * Exit PIP to TV mode
	Volume Up / Direction key "Up"
	Volume Down / Direction key "Down"
	Channel Up / Direction key "Right"
	Channel Down / Direction key "Left"
OK	* Confirm / Open OSD Menu * Switch PIP mode in PIP: Open (default): Channel/Volume up/down Close: Direction key to move TV screen on windows' desktop
Fav. Up/i	Favorite channel list up/information
Fav. Down/A	Favorite channel list down/ Audio channel selection
Source	Source Switch (Analog TV→DVB-TV→FM→ Composite→S-Video→Component)
SAP	* Stereo/SAP/Mono switch * Green key in Teletext
0-9	Number Keys
100	Number Key * EPG for DVB-T channels
Recall	* Return to last channel * Red key in Teletext
OptiRatio	* Switch aspect ratio * Blue key in Teletext
Freeze	* Freeze TV screen * Yellow key in Teletext

# VideoMate W800F TV Box Using Guide

## Using at the first time

Please refer to the above for correct setup to use W800F TV box. After you have connected the power adaptor, you can press the power switch to turn on the TV box and you will see the green **LED light** beside the power button. The default TV settings will be your local country and TV system, and you can change it from OSD menu later. Now you may enjoy the TV shows on your monitor.

If you have connect W800F TV box to your computer's video card, press the power button on the TV box to switch between TV and PC signal.

**Order of the Sources: Analog TV → DVB-T → FM → Composite video → S-Video → Component video → Analog TV ...**

VideoMate W800F TV Box supports 60 and 75 Hz with 9 resolutions from below. The default setting is 1024\*768 @ 60Hz.

Resolution 1 -> 800*600 (4:3)	Resolution 6 -> 1600*1200 (4:3)
Resolution 2 -> 1024*768 (4:3)	Resolution 7 -> 1680*1050 (16:10)
Resolution 3 -> 1280*1024 (5:4)	Resolution 8 -> 1920*1080 (16:9)
Resolution 4 -> 1400*1050 (4:3)	Resolution 9 -> 1920*1200 (16:10)
Resolution 5 -> 1440*900 (16:10)	

To change resolution, please open up menu and select the resolution you want. Refer to later instruction for more detail. "Resolution" button from the remote controller can also switch the resolution.

If using PIP feature, the refresh rates in Windows support resolutions below:

Resolution	Reflash Rate	
	60 Hz	75 Hz
800 x 600	Yes	Yes
1024 x 768	Yes	Yes
1280 x 1024	Yes	No
1440 x 900	Yes	No
1400 x 1050	Yes	No
1600 x 1200	Yes	No
1680 x 1050	Yes	No
1920 x 1080	No	No
1920 x 1200	No	No

# OSD Menu Guide (Analog TV and FM Radio)

Menu button will open up OSD Menu, please use the direction key to navigate.

	Picture
Brightness	Adjust the brightness (0~100)
Contrast	Adjust the Contrast (0~100)
Saturation	Adjust the Saturation (0~100)
Hue	Adjust the Hue ( 0~100)
Sharpness	Adjust the Sharpness (0~15)
OptiMode	3 preset modes (Standard/TV, Game, and Cinema) and 5 custom modes of picture settings. You can adjust the color settings then save it in custom mode.

	TV Function
Input Signal	Select Air or Cable for TV input signal type. Default is Air
Channel Video System	Change video standard for current channel. (Only appears in countries with 2 or multiple TV systems)
Channel Rename	Set a name for specific channel. (5 letter/numbers)
Auto Scan	Recommend to use Auto Scan for the first time. (NO/YES)
Channal Edit	Advanced channel edit
Finetune	Fine tune frequency if TV is unclear. (0~100) default is 50

	Custom Channel
CH.....	Add and edit your custom channel for some countries.

	Resolution
Resolution	Swtich resolution: 800x600 → 1024x768 (default) → 1280x1024 → 1440x1050 → 1400x900 → 1680x1050 → 1600x1200 → 1920x1080 → 1920 x1200
Noise Reduction	Adjust level of noise reduction. (0~8) Default is 4
OptiRatio	4:3      16:9      SmartZoom      Panorama      Full
Input Source	DVB-T, Analog TV, Composite, S-Video, Component, FM, PC
Position Finetune	Use right and left direction key to adjust the position of screen

	<b>OSD Settings</b>
Country/Region	Select your country or region
Language	Adjust level of noise reduction. (0~8) Default is 4
OSD Position	Select your language (Default is your local country)
OSD Transparency	0-100
Information	VideoMate W800F Version information
Reset all settings	YES/NO (Default: NO)

	<b>Audio Settings</b>
Volume	Adjust volume (0-100)
Treble	Adjust Treble volume (0-15)
Bass	Adjust Bass volume (0-15)
Dynamic Bass Boost	YES/NO (Default: NO)
Stereo Effect	Adjust Stereo Effect (0~8) Default : 0
Reset	YES/NO (Default: NO)

FM Mode: While listen to FM radio, this OSD page will different with TV mode.

	<b>FM Station List</b>
CH 1	List all the available FM channel and frequency. You can select the channel by up/down arrow key or direct input the channel number to listen
CH 2	
.....	

	<b>FM Station Scan</b>
Auto Scan	Auto scan the available FM channel
Add Channel	Add FM channel by directly frequency input
Delete Channel	Delete FM channel
Reset all	YES/NO (Default: NO)

	Audio Settings
Volume	Adjust volume (0-100)
Treble	Adjust Treble volume (0-15)
Bass	Adjust Bass volume (0-15)
Dynamic Bass Boost	YES/NO (Default: NO)
Stereo Effect	Adjust Stereo Effect (0~8) Default : 0
Reset	YES/NO (Default: NO)

## OSD Menu Guide (Digital TV and USB Playback)

While switch to digital TV mode, you can setup the digital TV channel in the menu and also choose to playback the video/photo from USB.

The VideoMate W800F TV box provides directly video, audio, and photo files playback from USB 2.0 pen drive. (Not support USB external hard drive.) Support MPEG-2 and MPEG-4 Part II formats video file, MP3/WAV/WMA music, and jpg format photo files playback.

After switch the video source to digital TV, you can press the “OK” key to the Main Menu for digital TV setup, playback Movie, Music, Photo or play games. You can press the “i” (Fav Up) key for more operation guide about setup.



## Digital TV Setup Manu

Below is the table of digital TV and multimedia setup, you can use the “OK” key to open the OSD menu and select the items by arrow keys. If you need more information for controls the menu for setup. Please press the “i” (information) key for more information.



Channel Manager	Channel Organizer	You can setup the channel for favorite, change order, lock, or delete
	Channel Sorting	Re-arrange the channel order by different area
	Channel Grouping	Grouping the channels in different type for more easy to watch and selection
	Edit Channels	You can add or edit the channels
	Delete All	Delete all channels. Please input the password for confirm this operation. (Default password: <b>0000</b> )

Installation	Area Search	Scan all the available channels by area
	Manual Search	Input the specific channel frequency and bandwidth to add channels
	Auto Search	Input the channel frequency range and bandwidth to add channels
Configuration	OSD	Setup the OSD (On Screen Display) themes, timeout length, transparency, or language
	TV	Setup display mode in system, aspect ratio, and adjust the color settings on Brightness, Contrast, HUE, Saturation
	System Steup	Setup your system about surround mode and region
	Parental Lock	Setup parental lock to prevent not proper channel contents for children. The default password is "0000".
Software Update	Download from USB	You can download the latest firmware from Compro's website and save it in USB pen driver. Then plug it to the USB port of W800F to update it
Factory Default		Reset all the settings to factory default
Version		Display product version information

## Movie/Video Playback

Please plug the USB pen drive (with MPEG-2 or MPEG-4 part II format video files) into the USB port of VideoMate W800F, then click the “Movie” on the main manu. You can choose the folder and select the file for playback.

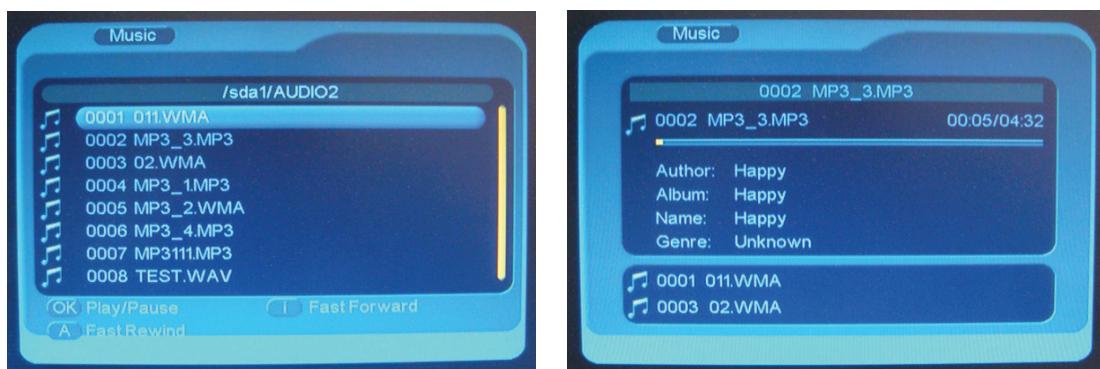
While playing the video, you can press the “Fav Up” key on remote to 2X, 4X, 8X speed forward, or press “Fav Down” key to 2X, 4X, 8X speed backward. If you want to stop playing or exit the video playback function, please press the “Exit” key.



## Music Playback

Please plug the USB pen drive (with MP3, WAV,WMA format audio files) into the USB port of VideoMate W800F, then click the “Music” on the main manu. You can choose the folder and select the file for playback.

While playing the video, you can press the “Fav Up” key on remote to forward, or press “Fav Down” key to backward. If you want to stop playing or exit the video playback function, please press the “Exit” key.



## Photo Playback

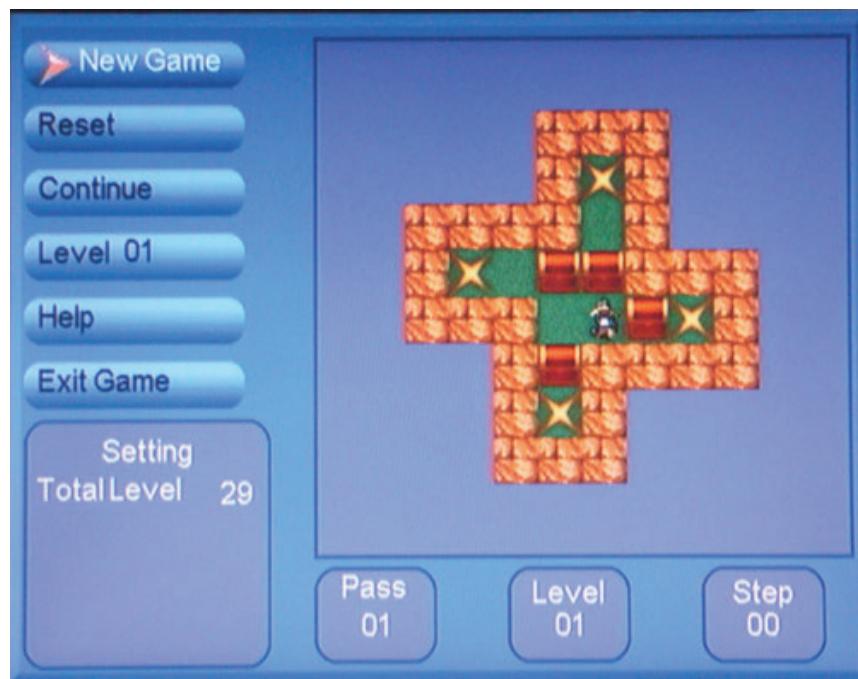
Please plug the USB pen drive (with jpg format files) into the USB port of VideoMate W800F, then click the “Photo” on the main manu. You can choose the folder and select the file for playback.

You can press the SAP (Green color) button to preview photo with thumbnail. And while you watching the photo, you can press the “right” (Volumn Up) and “left” (volumn down) to rotate the photo for watching.



## Play Games

VideoMate W800F built-in 3 games, the “Box Man”, “Tetris”, and “Hit Rat”, you can follow the direction and play it anytime with remote control.



## Channel Swap

To swap the channel numbers, please select **Channel Swap** from the menu then select YES, and it will show as a sub menu. Once you have entered this menu, you will see a list of channels. You may browse with the direction keys; Up and Down are going through the list while Left and Right are changing pages of the list. Select the channel number that you wish to swap and press **OK**, and then enter the number of the channel that you wish to switch.

To reset to the original channel numbers, please rescan the channel table again by selecting Auto Scan in the menu.

## My Favorite Channel List

My favorite channel list can store up to 10 channels that you watch the most and browse with “Fav. Up” and “Fav. Down” keys on the remote control.

To add channels to the favorite list, please turn to the channel you wish to add and press “**Set Fav**” on the remote control. Press “**OK**” on the selected position.

## PIP (Picture In Picture)

You can start PIP function by clicking “PIP” button on the remote control. It allows you to watch TV on the Windows desktop.

When PIP is working, press “PIP” button again will change the size of the TV screen; you may zoom twice and the third time you press “PIP”, it will close the PIP function.



The PIP feature can supports up to **1680 x 1050** windows' resolution.

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### Note:

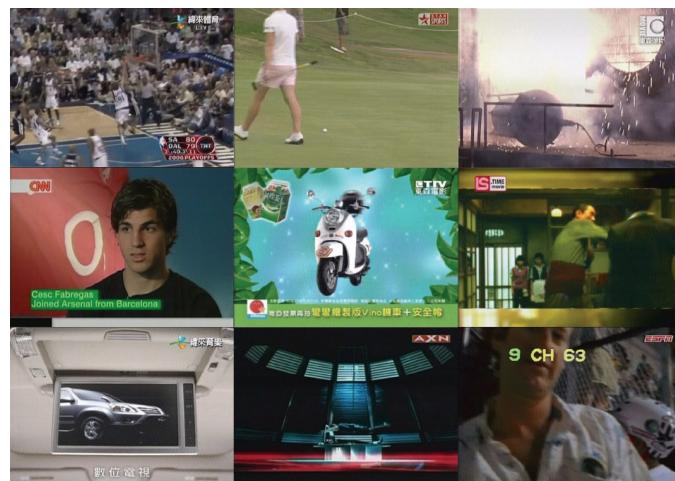
If you need to move the TV screen position on Windows desktop, please press the “**OK**” to switch the keys of channel and volume up/down into direction key, and you can move the PIP TV windows to the place you want.

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## Channel Surfing

Channel Surfing allows you to preview and find the channel you want by presenting in 9 squares.

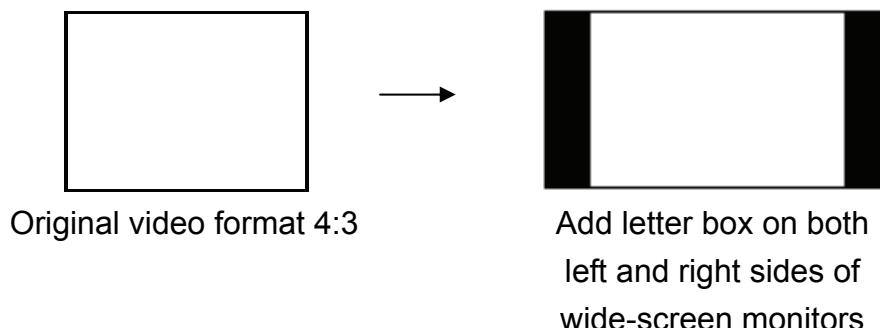
To access this function, please press “Ch.Surf” button on the remote controller. The pictures will refresh from left to right. When you have found the channel you prefer, please press the correspondent number keys (1~9) to switch to that channel.



## OptiRatio

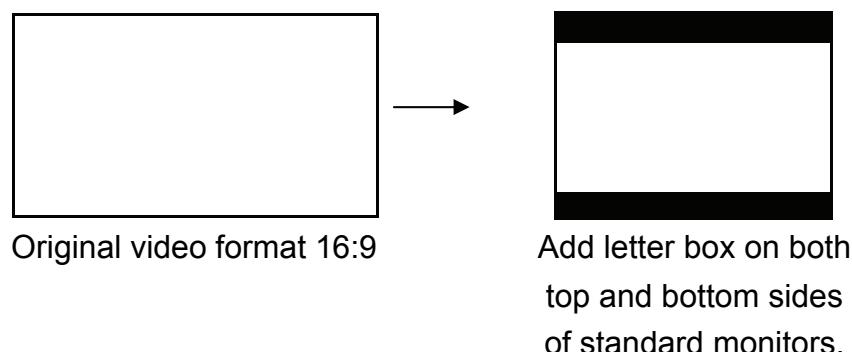
OptiRatio Aspect Selection provides 4:3, 16:9, Panorama, Full Screen, and SmartZoom aspect ratio selections to provide the best TV and video watching on different type monitors.

**4:3 Mode:** When the 4:3 formats TV/video display on 16:9/16:10 wide-screen monitors, it can keep the 4:3 aspect ratio video and add letter box on both left and right sides.



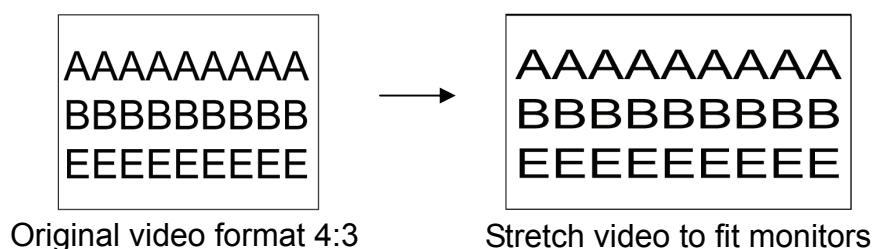
### 16:9 Mode:

When the 16:9 formats TV/video display on 4:3/5:4 standard monitors, it can keep the 16:9 aspect ratio video and add letter box on both the top and bottom.



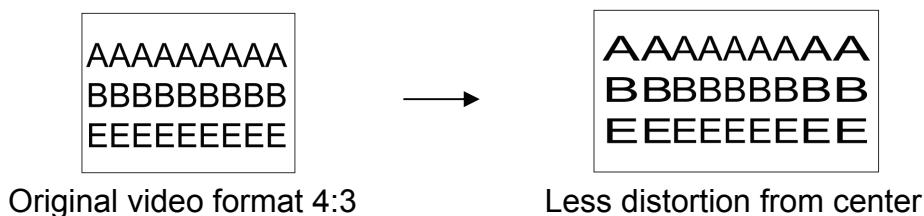
### Full Screen Aspect Ratio Mode:

Stretch all the input TV and video to full screen display. But if the original video format is 4:3, it will look a little squash.



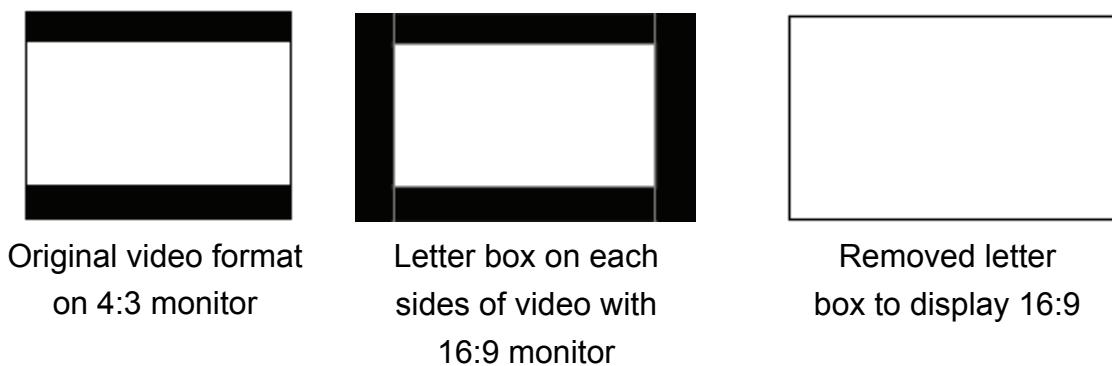
### **Panorama Mode:**

Extend all the input TV and video to full screen display. But the distortion on the center of screen will be less than full screen mode and looks better.



### **SmartZoom Mode:**

When the 16:9 movie broadcast from TV channel, it will add the letter box for 4:3 video format transmit and it looks small on the 16:9/16:10 wide-screen monitors. The SmartZoom mode can remove the letter box on top and bottom to make the movie displays bigger and clearer.



## **Dynamic Bass Boost**

Dynamic Bass Boost is a function that will automatically analyze your audio signal and adjust the volume of the bass. To activate this function, please press the  **MENU** button and select  **Sound** section, then select  **ON** with the option of  **Dynamic Bass Boost**. You may refer to the  **OSD Menu Guide** above for exact location.

## **Stereo Effect**

Stereo Effect is a function that will simulate stereo sound when your audio input is Mono. When your audio input is stereo, it will enhance the effect and give you a greater feeling of the surrounding effect. To activate this function, please press the **MENU** button and select **Sound** section, then adjust the **volume** of **Stereo Effect** higher for greater effect. You may refer to the **OSD Menu Guide** above for exact location.

## **SAP Mode (Only appears in PAL/SECAM TV system area)**

SAP Mode is a function that will allow you to broadcast Main Audio Channel in the left and Sub Audio Channel in the right. To activate this function, please press the **MENU** button and select **Sound** section, then select **ON** with the option of **SAP Mode**. Switch to the channel that contains both Main and Sub Audio Channel, and then change the stereo mode to SAP by pressing **SAP** button on the remote controller.

# **Troubleshooting**

## **Installation**

The most common cause of the problem is the incorrect connection of the cables. Please refer to “VideoMate W800F TV Box Connection” on proper connection. And also please check the power adaptor already plugged.

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### **Warning**

It is normal for VideoMate W800F TV box become warm when it is being used. Please place the TV Box at a place where the air flows.

Please do not use other adaptor except the one included in the package to prevent damaging W800F. Damaged W800F by using wrong adaptor will not be cover from the warranty.

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## **No Picture**

Please make sure you have properly connected the TV cable to TV Box in order to watch live TV. It might also because the input source of W800F TV Box is not set to TV mode, please switch the video input source to TV.

## **No Sound**

Please try to use the built-in speaker to make sure the TV or FM audio is OK. Then if the TV display without sound, please make sure you have connect your speaker to W800F TV Box's Line Out and check the speaker has turn on and volume is not at the minimum.

If you switch to PC and PC does not have sound while TV has it, please make sure you have connected Line-In from W800F TV Box to Line-Out from your computer.

## **How to add the missing channel?**

If there are some channels missing after Auto Scan, you can add the missing channel to channel table by yourself from the steps below:

1. Please directly key-in the missing channel number by remote number pad.
2. Press “Menu” key to open the OSD menu.
3. Select the “TV” setting tab (the second from left).
4. Select “CH Add/Erase”, and then pick “Yes” to add channel.
5. Now you can watch the missing channel.

## **TV picture is not clear?**

TV signal could be reduced by the branching. Please make sure the cable signal is good. Try to move the computer to a TV set and connect the cable which is being used for the TV set. Also directly connecting the cable before the splitter may help. This problem could also come from static. Once you connect the cable to our TV card, the static interfere the system. It's possible to correct this problem by connecting a wire from the grounding of the cable to ground. Also make sure computer grounding is good.

## **Why PIP does not work?**

Please make sure you have connected your computer VGA to W800F and connect W800F to the monitor. For more information, please refer to the TV box connection description.

If your display card of your computer has both DVI and VGA connected, please make sure the settings in Windows is set to VGA output.

Please also check if your desktop resolution is one of our supported resolutions. Please refer to the detail list of resolutions.

## **Contacting Compro Technical Support**

Before you submit an email for support, please check the troubleshooting list above. You may fill out the form (<http://comprousa.com/en/form.htm>) or directly email to **support@comprousa.com**